

Docket No. 34291/GM/lp

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignors : Silvano MANSUTTI et al
Assignee : 4P S.r.l.
Ser. No. : still unknown
Filed : still unknown
For : "MULTIFUNCTIONAL ELECTRONIC PALMTOP
COMPUTER"
A.U. : still unknown
Examiner : still unknown

Hon.

The Commissioner of Patents and Trademarks

Washington D.C. 20231 - U.S.A.

PRELIMINARY AMENDMENT

Sir,

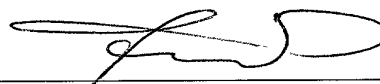
please enter the following preliminary amendment in the above-identified
Application:

substitute the original claims 1 to 27 with the enclosed redrafted
claims 28 to 54;

substitute the original abstract with the enclosed redrafted abstract of
the disclosure where merely the numeral references have been deleted.

It is to be noted that the newly submitted claims 28 to 54 and the new abstract of the disclosure do not comprise any new matter and are merely aimed at meeting U.S. filing requirements.

Respectfully submitted



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Encls.: a.a.

WHAT IS CLAIMED IS:

28. A multifunctional electronic palmtop computer of the type which comprises, in a single box-like body, a keyboard, a display, a CPU, working storage and mass storage, a printer and a PCMCIA card interface, further
 5 comprising a protective cover for said interface which is provided with locking means adapted to prevent direct accessibility to said interface, said cover requiring the intervention of a tool to release said means so as to allow access to said interface.

29. The computer according to claim 28, wherein said locking means are
 10 actuated, on mutually opposite sides, by buttons, each button comprising a first component and a second component which are operatively coupled and are respectively arranged externally and internally with respect to a wall of said cover, said second component having a hook which abuts elastically
 15 against a retainer which protrudes rigidly from said body, said hook being disengageable from said retainer in contrast with an elastic means by virtue of a pressure applied by a user on said first component and transmitted to said second component.

30. The computer according to claim 29, wherein once one of the sides of said cover is rested against an edge of its seat, said cover can slide until it
 20 couples by snap action to the portion of the profile of said seat that constitutes said retainer and lies below it.

31. The computer according to claim 30, wherein a grub is inserted in said first component, on the outward-looking face; a seat for a pin is formed diametrically in said grub and an opening is formed in said wall of said
 25 cover which is interposed between said first and second components of the button, said opening forming cutouts for at least partially accommodating the ends of said pin, said pin being adapted to rotate rigidly with said grub in order to reach a specific position in which, by at least partially inserting its ends in said cutouts by virtue of a pressure applied to said first component,
 30 said pressure can be transmitted to said second component in contrast with

said elastic means so as to disengage said hook from said retainer.

32. The computer according to claim 31, wherein said grub has, on the face that remains on the outside, a slot in which it is possible to insert the point of said tool so as to turn it in order to orientate said pin.

5 33. The computer according to the claim 32, wherein said elastic means is a fork-shaped flat spring which is interposed between a partition that lies inside said cover and said second component.

34. The computer according to claim 33, wherein a longitudinal hollow is formed in said second component on the side directed toward said internal
10 partition, said hollow partially accommodating said flat spring.

35. The computer according to claim 34, wherein a tab protrudes from the inward face of said first component and is adapted to be inserted in a complementarily shaped seat formed in said second component on the opposite side with respect to said longitudinal hollow, said opening formed
15 in the wall of the cover that is interposed between said first component and said second component being provided with said cutouts for the ends of said pin and being crossed by said tab.

36. The computer according to claim 35, wherein a cantilevered tooth protrudes from one end of said first component and has two parallel
20 protrusions which constitute retention elements which can be inserted in a complementarily shaped seat formed in a corresponding end of said second component.

37. The computer according to claim 28, wherein said cover comprises means for preventing said PCMCIA cards from accidentally sliding out of
25 the interface.

38. The computer according to claim 37, wherein said means for preventing accidental sliding comprise at least one raised portion which protrudes inside said cover and is adapted to ensure mechanical abutment against said PCMCIA cards.

30 39. The computer according to claim 28, wherein an opening is formed in

said cover and a connector for connection to said PCMCIA card interface can be inserted through it.

40. The computer according to claim 39, wherein said opening is protected by a rubber plug.

5 41. The computer according to claim 40, wherein said plug is provided with a protrusion which is rigidly fixed to said cover.

42. The computer according to claim 41, wherein said plug is externally provided with a raised grip portion.

43. The computer according to claim 28, comprising a read/write device
10 for microchip cards, which is arranged on the lower face of the body and can be accessed through a slot which has a flexible flap which can be folded only during the insertion of one of said microchip cards.

44. The computer according to claim 43, comprising a further read/write
15 device for microchip cards of the type known as SIM format, said device being arranged in the part below the power supply battery pack, being protected by a cover and having a connector which is shaped complementarily for the insertion of said SIM-format card.

45. The computer according to claim 28, comprising a seat which is
20 adapted to contain a stylus to be used for said display, said seat being formed in the cover of said printer.

46. The computer according to claim 28, comprising a paper containment compartment and a printer, said compartment alternatively containing a roll of paper supported by a roll holder or a pack of continuous paper.

47. The computer according to claim 46, comprising said roll holder has a
25 U-shaped structure which comprises a pivot provided, at its ends, with a fixed arm and with an arm which can fold by means of a film hinge.

48. The computer according to claim 47, wherein said arms of the roll holder are flat.

49. The computer according to claim 28, comprising a cellular telephone.

30 50. The computer according to claim 49, wherein said cellular telephone

is of the type known as GSM and comprises an electronic board which is arranged laterally to said paper containment compartment at the lower part of said body, said board being arranged vertically.

51. The computer according to claim 50, wherein said cellular telephone
5 comprises an antenna which is connected to said electronic board and is arranged laterally with respect to said paper containment compartment, in a forward position with respect to said board.

52. The computer according to claim 28, comprising a satellite positioning system.

10 53. The computer according to claim 52, wherein said satellite positioning system comprises an electronic board which is arranged laterally with respect to said paper containment compartment at the lower part of said body, said board being arranged vertically.

54. The computer according to claim 53, wherein said satellite
15 positioning system comprises a receiving antenna which is connected to said electronic board and is arranged in the front part of said body below said paper containment compartment.

ABSTRACT OF THE DISCLOSURE

A multifunctional electronic palmtop computer comprising, in a single box-like body, a keyboard, a display, a CPU, working storage and mass
5 storage, a printer and a PCMCIA card interface, further comprising a protective cover for the interface which is provided with locking means adapted to prevent direct accessibility to the interface.